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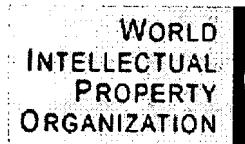
Query: ((actuator) <in> title) <AND> ((charg* and discharg* and current) <in> abstract)

2 documents out of 1917885 matched your query. Click on its number to view the details of the document.

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- | |
|---|
| <ol style="list-style-type: none"> 1. 2269724 METHOD AND DEVICE FOR CONTROLLING A CAPACITATIVE ACTUATOR 77% 2. 2063382 APPARATUS FOR DRIVING A PIEZOELECTRIC ACTUATOR 77% |
|---|

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IP SERVICES



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Results of searching in PCT for:**actuator and charg* near current and discharg* near current: 9 records**

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Refine Search	<input type="text" value="actuator and charg* near current and discharg* near cu"/>		
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Title	Pub. Date	Int. Class	App. Num	Applicant
<u>1. (WO 2007/056147) CONTROL AND AN INTEGRATED CIRCUIT FOR A MULTISENSORY APPARATUS</u>	18.05.2007	F21V 33/00	PCT/US2006/042971	S. C. JOHNSON & SON, INC.

A control for a multisensory apparatus comprises means for detecting a number of lights connected to the control. The control further includes means responsive to the detecting means for operating the light(s) connected to the control in either of first and second different modes of operation in dependence upon the detected number of lights connected thereto. Still further, the control includes means for actuating an active material dispenser.

<u>2. (WO 2007/056119) ACTIVE MATERIAL AND LIGHT EMITTING DEVICE</u>	18.05.2007	F21V 8/00	PCT/US2006/042919	S. C. JOHNSON & SON, INC.
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An active material and light emitting device comprises an ultrasonic atomizer assembly (516) and a light emission device (576). The active material and light emitting device further includes a housing (510) containing the atomizer assembly and the light emission device such that the atomizer assembly is disposed above the light emission device. The light emission device emits light that is transmitted through a medial portion of the housing.

<u>3. (WO 2007/008598) SYSTEM AND METHOD FOR DRIVING AN INDUSTRIAL CONTROL DEVICE</u>	18.01.2007	H01H 47/00	PCT/US2006/026347	ADVANCED ENERGY INDUSTRIES, INC.
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A process control apparatus including an **actuator** configured to effect changes in an industrial process, a power supply, a plurality of **current** switches coupled between the **actuator** and the power supply and a controller coupled to the plurality of **current** switches. The controller is configured to selectively close one or more of the plurality of **current** switches so as to provide a selectable level of **current** from the power supply to the **actuator**. In variations, a plurality of **discharge** switches are coupled to the **actuator** and the controller is configured to selectively close the **discharge** switches so as to provide a selectable level of **charge** to **discharge** from the **actuator**.

<u>4. (WO 2006/065957) HYBRID-ELECTRIC ENGINE AND COMPONENTS THEREOF</u>	22.06.2006	B60K 6/04	PCT/US2005/045353	TOPE-MCKAY, Cary
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Disclosed is a hybrid-electric engine comprising: a mechanical load; a chemical-based motor drivingly connected with the mechanical load for selectively providing mechanical power thereto; an electrical motor drivingly connected with the mechanical load for selectively providing mechanical power thereto; and a data processing system connected with the chemical-based motor and the electrical motor for monitoring the operation of the chemical-based motor and the electrical motor, and for ensuring that when the chemical-based motor is operated, it is operated at approximately its peak efficiency with any excess power being stored in an energy storage system for later use by the electrical motor, and when possible, the electrical motor operates...

<u>5. (WO 2006/053126) REACTIVE LOAD RESONANT DRIVE CIRCUIT</u>	18.05.2006	H02N 2/14	PCT/US2005/040740	ADVANCED ENERGY INDUSTRIES, INC.
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Energy efficient circuitry is provided for rapid transfer of **charge** to and from a reactive load while avoiding excessive peak currents and significant resistive energy dissipation. For example, circuitry of the invention provides for rapid actuation of a piezoelectric mass flow valve **actuator** while significantly reducing electrical input power and power dissipation requirements. The invention also features circuitry for recovering a substantial portion of the energy delivered to the reactive load while still permitting rapid cycling of the load drive circuit. Controlling the activation interval of the drive circuitry provides for incremental actuation or positioning of the reactive load.

RESULT LIST

Approximately **190** results found in the Worldwide database for:

charg* and **current** and **profile** in the title or abstract
 (Results are sorted by date of upload in database)

11 BATTERY SYSTEM SIMULATION DEVICE OF HYBRID ELECTRIC VEHICLE, CAPABLE OF SHORTENING DEVELOPMENT TIME BY TESTING BATTERY SYSTEM IN REAL TIME BASIS

Inventor: YOUN KIL YOUNG

Applicant: HYUNDAI MOTOR CO LTD

EC:

IPC: **B60L3/00; B60L3/00**; (IPC1-7): B60L3/00

Publication info: **KR20050005694** - 2005-01-14

12 Polarization-doped field effect transistors (POLFETS) and materials and methods for making the same

Inventor: MISHRA UMESH K (US); XING HUILI (US);
 (+2)
 EC:

Applicant: UNIV CALIFORNIA (US)

Publication info: **US2006231860** - 2006-10-19

13 Method and apparatus for maximizing battery charge

Inventor: SIMPSON RUSSELL L (US); PATINO JOSEPH (US)

EC: H02J7/00M10B1

Applicant:
 IPC: **H02J7/00; H02J7/00**

Publication info: **US2006226807** - 2006-10-12

14 No title available

Inventor:

Applicant:

EC:

IPC: **C25D15/02; C25D15/00**

Publication info: **RU2004138179** - 2006-06-10

15 POTENTIAL PROFILE MEASURING INSTRUMENT AND IMAGE FORMING APPARATUS WITH THE SAME

Inventor: KINOSHITA HIDEHIKO

Applicant: CANON KK

EC:

IPC: **G03G21/00; G03G21/00**

Publication info: **JP2006163182** - 2006-06-22

16 Anode and battery

Inventor: KONISHIIKE ISAMU (JP); KAWASE KENICHI (JP)

Applicant:
 IPC: **H01M4/64; H01M4/58; H01M4/58** (+1)

EC: H01M4/58; H01M4/70

Publication info: **US2006110662** - 2006-05-25

17 Multiple pulse cartridge ignition system

Inventor: CRICKENBERGER ANDREW B (US); GHAZI SALEEM L (US)

Applicant: ALLIANT TECHSYSTEMS INC (US)

EC: F02K9/95; F41A1/02; (+2)

IPC: **F42B3/10; F02K9/95; F41A1/02** (+7)

Publication info: **US7047885** - 2006-05-23

18 METHOD FOR DECREASING UNDESIRABLE DARK CURRENT

Inventor: MCGRATH ROBERT DANIEL (US); NELSON EDWARD TICHENOR (US); (+3)

Applicant: EASTMAN KODAK CO (US); MCGRATH ROBERT DANIEL (US); (+4)
 IPC: **H04N5/217; H04N5/217**

EC: H04N3/15E6; H01L27/146A; (+1)

Publication info: **WO2006050017** - 2006-05-11

19 Process for manufacturing ethylene oxide

Inventor: MAUVEZIN MATHIAS (FR); POULAIN CHRISTINE (FR); (+2)

Applicant:

EC: B01J8/00L; B01J8/06H; (+2)

IPC: **F24F3/00; B01J8/00; B01J8/06** (+7)

Publication info: **US2006054314** - 2006-03-16

20 SOLID-STATE IMAGING DEVICE

RESULT LIST

Approximately **173** results found in the Worldwide database for:
actuator in the title AND **charg*** and **current** in the title or abstract
(Results are sorted by date of upload in database)

1 DRIVING CONTROLLER OF PIEZOELECTRIC ACTUATOR, AND METHOD FOR DRIVING/CONTROLLING ELECTRONIC DEVICE AND PIEZOELECTRIC ACTUATOR

Inventor: SHIOBARA YASUHIRO

Applicant: SEIKO EPSON CORP

EC:

IPC: H02N2/00; G04C3/12; H02N2/00 (+1)

Publication info: JP2007049773 - 2007-02-22

2 Electromagnetic lock actuator and mechanism

Inventor: RATCLIFFE ANTHONY BROTHERTON (GB)

Applicant: PAXTON ACCESS LTD (GB)

EC:

IPC: E05B47/00; H01F7/06; E05B47/00 (+1)

Publication info: GB2429032 - 2007-02-14

3 Capacitive load's e.g. piezo-actuator, charge changing circuit, has parallel switched delayed operable clocked output stages, which exchange charge packets with piezo-actuator and operated in delayed manner

Inventor: ERTL MICHAEL (DE); GOTTLIEB BERNHARD (DE); (+3)

Applicant: SIEMENS AG (DE)

EC: H01L41/04B

IPC: H02N2/06; H02N2/02

Publication info: DE102005034163 - 2007-02-01

4 Piezo actuator driving circuit

Inventor: MIN BYOUNG O (KR); HA CHANG W (KR)

Applicant:

EC:

IPC: B41J29/38; B41J29/38

Publication info: US2007008357 - 2007-01-11

5 Actuator and emergency power supply

Inventor: KUNKEL STEFFEN (DE); HERRMANN KARL-GUENTER (DE); (+2)

Applicant: BOSCH REXROTH AG (DE)

EC: H02J7/00C4; H02J9/06C

IPC: H02J7/32; H02J7/32

Publication info: EP1739807 - 2007-01-03

6 CMOS (complementary metal oxide semiconductor) circuit arrangement has operating circuit region with decoder to address at least one of sensor and actuator elements, and evaluation and driver circuits for sensor and actuator elements

Inventor: PAULUS CHRISTIAN (DE); THEWES ROLAND (DE)

Applicant: SIEMENS AG (DE)

EC:

IPC: G01N27/49; G01N27/49

Publication info: DE102005027245 - 2006-12-21

7 ACTUATOR MOTOR CONTROL DEVICE AND CONTROL METHOD IN LOCKING INTERNAL/EXTERNAL AIR VALVE OF AIR-CONDITIONING MODULE OF AUTOMATIC TEMPERATURE CONTROLLER FOR VEHICLE

Inventor: KIM SUN GU

Applicant: KOREA DELPHI AUTOMOTIVE SYSTEM

EC:

IPC: B60H1/00; B60H1/00; (IPC1-7): B60H1/00

Publication info: KR100392354B - 2003-07-09

8 Actuator

Inventor: NAGAI SHIGEKAZU (JP); SAITO AKIO (JP); (+2)

Applicant: SMC KK (JP)

EC: F15B15/18; F04B1/12F; (+2)

IPC: F16D31/02; F16D31/02

Publication info: US2006207247 - 2006-09-21

9 ACTUATOR DRIVE CIRCUIT

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Text Search

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Number Search

Applicant, Title of invention, Abstract --- e.g. computer semiconductor

If you use the AND/OR operation, please leave a SPACE between keywords.

One letter word or Stopwords are not searchable.

actuator

AND

AND

charge discharge

AND

AND

current profile

AND

AND

Date of publication of application --- e.g. 19980401 - 19980405

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AND

IPC --- e.g. D01B7/04 A01C11/02

If you use the OR operation, please leave a SPACE between keywords.

ANSWER

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Search

Stored data

	Type	Hits	Search Text	DBs
1	IS&R	429	(310/318).CCLS.	USPAT
2	BRS	70	piezoelectric adj1 transformer and (first or high) adj2 voltage adj2 output and (second or low or other or another) adj2 voltage adj2 output	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
3	IS&R	58	(310/318).CCLS.	FPRS; EPO; JPO; DERWENT; IBM TDB
4	IS&R	41	(310/318).CCLS.	US-PGPUB
5	BRS	49	first adj1 piezoelectric adj1 transformer and second adj1 piezoelectric adj1 transformer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB
6	BRS	256	piezoelectric adj2 "power supply"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB
7	BRS	490	piezoelectric adj1 transformer and (first or high) adj2 (output or voltage) and (second or low) adj2 (output or voltage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM _TDB
8	BRS	3	piezoelectric adj2 "power supply" and (first or high) adj2 output and (second or low) adj2 output	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB
9	BRS	17	piezoelectric adj2 "power supply" and (first or high) adj2 voltage and (second or low) adj2 voltage	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB
10	BRS	29	piezoelectric adj1 transformer and (first or high) adj2 output adj1 voltage and (second or low) adj2 output adj1 voltage	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
11	BRS	241	emi adj3 "power supply"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB
12	IS&R	1	("6182340").PN.	USPAT

13	BRS	10	emi adj3 "power supply" and commutation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB
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	Type	Hits	Search Text	DBs
14	BRS	0	emi adj3 "power supply" same commutation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB
15	BRS	59	"piezoelectric transformer" and "power factor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB
16	IS&R	1	("7019993").PN.	USPAT
17	IS&R	1	("7095158").PN.	USPAT
18	BRS	0	emi adj3 "power supply" same commutator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB
19	BRS	2	actuator same charg\$3 adj2 stage same discharg\$3 adj2 stage	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB
20	IS&R	0	(310/316.03).CCLS.	FPRS; EPO; JPO; DERWENT; IBM TDB
21	IS&R	23	(310/316.03).CCLS.	US-PGPUB
22	BRS	237	actuator same charg\$3 adj2 current same discharg\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB
23	IS&R	87	(310/316.03).CCLS.	USPAT
24	IS&R	1	("5130598").PN.	USPAT
25	BRS	376	current adj2 control same charg\$3 and actuator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB
26	BRS	84	charg\$3 same discharg\$3 same current adj2 profile	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB
27	IS&R	1	("6031707").PN.	USPAT

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8	2007/07/24 09:43				S7
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10	2007/07/24 09:50				S10
11	2007/07/24 15:10				S14
12	2007/07/24 14:17				S12

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25	2007/07/25 11:05				S27
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27	2007/07/25 10:50				S24